

WEST Search History

DATE: Monday, November 20, 2006

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L41	L39 same solvent	2
<input type="checkbox"/>	L40	L39 with solvent	0
<input type="checkbox"/>	L39	vinyl piperazine	60
<input type="checkbox"/>	L38	(vinylpiperazine) same (electrolyte or electrolyt\$3)	0
<input type="checkbox"/>	L37	(vinylpiperazine) with (electrolyte or electrolyt\$3)	0
<input type="checkbox"/>	L36	(vinyl near piperazine) and (battery or electrochemical cell or secondary cell)	11
<input type="checkbox"/>	L35	(vinyl near piperazine) same (battery or electrochemical cell or secondary cell)	2
<input type="checkbox"/>	L34	(vinyl near piperazine) same (electrolyte or electrolyt\$3)	7
<input type="checkbox"/>	L33	JP-10040928-\$.did.	2
<input type="checkbox"/>	L32	JP-10270082-\$.did.	2
<input type="checkbox"/>	L31	(vinyl near piperazine) with (electrolyte or electrolyt\$3)	4
<input type="checkbox"/>	L30	L29 not l28	9
<input type="checkbox"/>	L29	vinyl piperazine and (battery or electrochemical cell or secondary cell)	11
<input type="checkbox"/>	L28	vinyl piperazine same (battery or electrochemical cell or secondary cell)	2
<input type="checkbox"/>	L27	vinyl piperazine with (battery or electrochemical cell or secondary cell)	2
<input type="checkbox"/>	L26	L25 not l23	2
<input type="checkbox"/>	L25	vinyl piperazine and (electrolyte or electrolyt\$3)	9
<input type="checkbox"/>	L24	L23 not l21	3
<input type="checkbox"/>	L23	vinyl piperazine same (electrolyte or electrolyt\$3)	7
<input type="checkbox"/>	L22	L21 with (battery or electrochemical cell or secondary cell)	0
<input type="checkbox"/>	L21	vinyl piperazine with (electrolyte or electrolyt\$3)	4
<input type="checkbox"/>	L20	L19 with (battery or electrochemical cell or secondary cell)	7
<input type="checkbox"/>	L19	piperidine with (electrolyte or electrolyt\$3)	88
<input type="checkbox"/>	L18	L17 with (battery or electrochemical cell or secondary cell)	34
<input type="checkbox"/>	L17	L16 with (mixture or blend or mix or mix\$5)	311
<input type="checkbox"/>	L16	styrene with (electrolyte or electrolyt\$3)	1259
<input type="checkbox"/>	L15	l10 not l14	10
<input type="checkbox"/>	L14	L11 and (battery or electrochemical cell or secondary cell)	5
<input type="checkbox"/>	L13	L11 same (battery or electrochemical cell or secondary cell)	0
<input type="checkbox"/>	L12	L11 with (battery or electrochemical cell or secondary cell)	0
<input type="checkbox"/>	L11	L9 with (mixture or blend or mix or mix\$5)	9

<input type="checkbox"/>	L10	L9 with (battery or electrochemical cell or secondary cell)	10
<input type="checkbox"/>	L9	piperazine with (electrolyte or electrolyt\$3)	67
<input type="checkbox"/>	L8	L5 and (battery or electrochemical cell or secondary cell)	10
<input type="checkbox"/>	L7	L5 same (battery or electrochemical cell or secondary cell)	0
<input type="checkbox"/>	L6	L5 with (battery or electrochemical cell or secondary cell)	0
<input type="checkbox"/>	L5	L4 with (mixture or blend or mix or mix\$5)	18
<input type="checkbox"/>	L4	vinyl pyridine with (electrolyte or electrolyt\$3)	97
<input type="checkbox"/>	L3	L2 with (battery or electrochemical cell or secondary cell)	9
<input type="checkbox"/>	L2	L1 with (mixture or blend or mix or mix\$5)	21
<input type="checkbox"/>	L1	vinyl ethylene carbonate with (electrolyte or electrolyt\$3)	100

END OF SEARCH HISTORY

Freeform Search

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term:

vinyl piperazine

Display: **Documents in Display Format:** **Starting with Number**

Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Interrupt

Search History

DATE: Monday, November 20, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<u>L41</u>	L39 same solvent	2	<u>L41</u>
<u>L40</u>	L39 with solvent	0	<u>L40</u>
<u>L39</u>	vinyl piperazine	60	<u>L39</u>
<u>L38</u>	(vinylpiperazine) same (electrolyte or electrolyt\$3)	0	<u>L38</u>
<u>L37</u>	(vinylpiperazine) with (electrolyte or electrolyt\$3)	0	<u>L37</u>
<u>L36</u>	(vinyl near piperazine) and (battery or electrochemical cell or secondary cell)	11	<u>L36</u>
<u>L35</u>	(vinyl near piperazine) same (battery or electrochemical cell or secondary cell)	2	<u>L35</u>
<u>L34</u>	(vinyl near piperazine) same (electrolyte or electrolyt\$3)	7	<u>L34</u>
<u>L33</u>	JP-10040928-\$.did.	2	<u>L33</u>
<u>L32</u>	JP-10270082-\$.did.	2	<u>L32</u>
<u>L31</u>	(vinyl near piperazine) with (electrolyte or electrolyt\$3)	4	<u>L31</u>
<u>L30</u>	L29 not l28	9	<u>L30</u>
<u>L29</u>	vinyl piperazine and (battery or electrochemical cell or secondary cell)	11	<u>L29</u>
<u>L28</u>	vinyl piperazine same (battery or electrochemical cell or secondary cell)	2	<u>L28</u>
<u>L27</u>	vinyl piperazine with (battery or electrochemical cell or secondary cell)	2	<u>L27</u>
<u>L26</u>	L25 not l23	2	<u>L26</u>

<u>L25</u>	vinyl piperazine and (electrolyte or electrolyt\$3)	9	<u>L25</u>
<u>L24</u>	L23 not l21	3	<u>L24</u>
<u>L23</u>	vinyl piperazine same (electrolyte or electrolyt\$3)	7	<u>L23</u>
<u>L22</u>	L21 with (battery or electrochemical cell or secondary cell)	0	<u>L22</u>
<u>L21</u>	vinyl piperazine with (electrolyte or electrolyt\$3)	4	<u>L21</u>
<u>L20</u>	L19 with (battery or electrochemical cell or secondary cell)	7	<u>L20</u>
<u>L19</u>	piperidine with (electrolyte or electrolyt\$3)	88	<u>L19</u>
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<u>L13</u>	L11 same (battery or electrochemical cell or secondary cell)	0	<u>L13</u>
<u>L12</u>	L11 with (battery or electrochemical cell or secondary cell)	0	<u>L12</u>
<u>L11</u>	L9 with (mixture or blend or mix or mix\$5)	9	<u>L11</u>
<u>L10</u>	L9 with (battery or electrochemical cell or secondary cell)	10	<u>L10</u>
<u>L9</u>	piperazine with (electrolyte or electrolyt\$3)	67	<u>L9</u>
<u>L8</u>	L5 and (battery or electrochemical cell or secondary cell)	10	<u>L8</u>
<u>L7</u>	L5 same (battery or electrochemical cell or secondary cell)	0	<u>L7</u>
<u>L6</u>	L5 with (battery or electrochemical cell or secondary cell)	0	<u>L6</u>
<u>L5</u>	L4 with (mixture or blend or mix or mix\$5)	18	<u>L5</u>
<u>L4</u>	vinyl pyridine with (electrolyte or electrolyt\$3)	97	<u>L4</u>
<u>L3</u>	L2 with (battery or electrochemical cell or secondary cell)	9	<u>L3</u>
<u>L2</u>	L1 with (mixture or blend or mix or mix\$5)	21	<u>L2</u>
<u>L1</u>	vinyl ethylene carbonate with (electrolyte or electrolyt\$3)	100	<u>L1</u>

END OF SEARCH HISTORY